



Power of Attorney  
Docket No 700623-3003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Yuri V. Melnik, *et al.*

**Serial No.:** 10/632,736

**Filed:** August 1, 2003

**For: REACTOR FOR EXTENDED  
DURATION GROWTH OF GALLIUM  
CONTAINING SINGLE CRYSTALS**

**Group Art Unit: 1763**

**Examiner: Not-Yet-Assigned**

**PROSECUTION BY ASSIGNEE AND POWER OF ATTORNEY  
UNDER 37 C.F.R. § 3.71**

Commissioner for Patents  
Alexandria, Virginia 22313-1450

Sir:

**TECHNOLOGIES AND DEVICES INTERNATIONAL, INC.**, a corporation organized and existing under and by virtue of the laws of the State of Maryland, having a place of business at 12214 Plum Orchard Drive, Silver Springs, Maryland 20904, the assignee of the entire right, title and interest in this patent application, under 37 C.F.R. § 3.71 hereby appoints all attorneys associated with:

**Customer Number 23639**

with full powers of substitution and revocation, to prosecute this application and transact all matters in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

**Correspondence Address**

Please direct all written communications relative to this application to:

**Gary D. Lueck**  
Bingham McCutchen LLP  
Three Embarcadero Center, Suite 1800  
San Francisco, CA 94111-4067

Please direct all telephone communications to Gary D. Lueck at (213) 680-6400.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

is filed for recordation herewith; or  
 was recorded at Reel \_\_\_\_, Frame \_\_\_\_; or  
 has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

**TECHNOLOGIES AND DEVICES  
INTERNATIONAL, INC.**

Dated: Nov. 15, 2004

By: V. Dmitriev

Signature

Printed Name: V. Dmitriev

Title: President